

AS authentication, link model negotiation and set-up (data or data/voice), frame type (on a packet-by-packet basis), and the like. --

IN THE CLAIMS

Please amend claims 1, 5-6, 8-10, 12-15, and 18-19 as follows:

1. (Once Amended) A method of transferring an in-progress telephone call between a wireless device and a wired device, comprising:

A7 establishing a short-range wireless communication link directly between the wireless device and wired device;
at the wireless device, receiving an identifier that has been transmitted from the wired device to the wireless device over the direct wireless communication link; and
at the wireless device, transmitting the identifier together with a call transfer request to enable the telephone call to be transferred to the wired device.

5. (Once Amended) The method as described in Claim 1 further comprising:

A8 at the wireless device, transmitting a request message to the wired device requesting transmission of the identifier.

6. (Once Amended) The method as described in Claim 1 further comprising:

in a network, receiving the identifier and the call transfer request transmitted from the wireless device; and

re-routing the in-progress call to the wired device.

8. (Once Amended) A method of transferring an in-progress telephone call between a wireless device and a wired device, comprising:

establishing a first wireless communication link directly between the wireless and wired devices when the devices are in physical proximity to each other;

at the wireless device, transmitting a request message to the wired device over the first direct wireless communication link requesting transmission of an identifier;

A9 at the wireless device, receiving the identifier that has been transmitted directly from the wired device to the wireless device over the first direct wireless communication link;

at the wireless device, transmitting the identifier together with a call transfer request to a network device over a second communication link; and

at the network device, receiving the identifier together with the call transfer request and re-routing the in-progress call to the wired device.

9. (Once Amended) The method as described in Claim 8 wherein the first direct wireless communication link is a short-range wireless radio communication link.

10. (Once Amended) The method as described in Claim 8 wherein the first direct wireless communication link is a short-range wireless infrared communication link.

A10 12. (Once Amended) The method as described in Claim 8 further comprising disconnecting the wireless device from the in-progress telephone call following re-routing.

13. (Once Amended) The method as described in Claim 8 further comprising:

having a user of the wireless device initiate the establishing of the first direct wireless communication link by entering given control commands in the wireless device.

14. (Once Amended) A communication system, comprising:

a wireless device having a first transceiver;

a wireline device having a second transceiver;

A/C a short-range direct wireless communications link over which the wireless and wireline devices communicate using their respective first and second transceivers; and means operative in the wireless device for transferring an in-progress telephone call from the wireless device to the wireline device.

15. (Once Amended) The communications system as described in Claim 14 wherein the means for transferring comprises:

means for transmitting a request message to the wired device over the direct wireless communications link requesting transmission of an identifier;

means for receiving the identifier transmitted from the wired device to the wireless device over the direct wireless communications link; and

means for transmitting the identifier together with a call transfer request to a network device to re-route the in-progress telephone call.

A11 18. A wireless device, comprising:

a processor;
a short-range wireless transceiver;
memory coupled to the processor, tangibly embodying a program of instructions executable by the processor for transferring an in-progress telephone call from the wireless device to a selected wireline device by the following method:

controlling the short-range wireless transceiver to transmit a request message directly to the wired device over a short-range wireless communications link requesting transmission of an identifier;

controlling the short-range wireless transceiver to receive the identifier transmitted from the wired device directly to the wireless device over the short-range wireless communications link; and

transmitting the identifier together with a call transfer request to a given network device to request re-routing of the in-progress telephone call.

19. (Once Amended) A wireline device, comprising:

a processor;
a short-range wireless transceiver;
memory coupled to the processor, tangibly embodying a program of instructions executable by the processor for receiving a transfer of an in-progress telephone call from the wireless device by the following method steps:

controlling the short-range wireless transceiver to receive a request message transmitted directly from the wireless device over a short-range wireless communications link requesting transmission of an identifier; and

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controlling the short-range wireless transceiver to transmit the identifier directly to the wireless device over the short-range wireless communications link.
